

WHAT IS CLAIMED IS:

1. An image forming toner for image forming comprising at least a binding resin and colorant, wherein;

the ratio of the 500 to 1000 molecular weight component of said toner, measured by gel permeation chromatography, is 10 parts by weight or less with respect to 100 parts by weight of the entire toner.

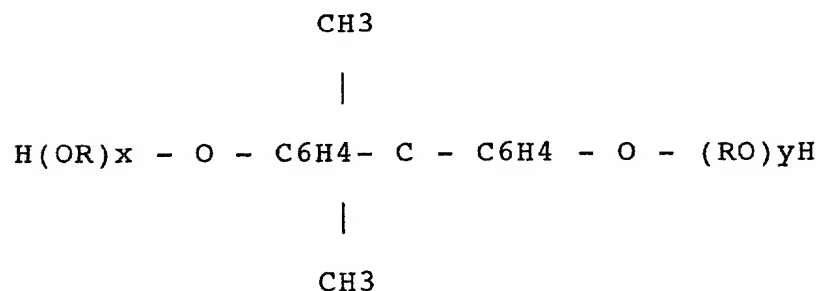
2. The image forming toner of claim 1, wherein;

the ratio of the component having molecular weight of 500 or less of said toner, measured by gel permeation chromatography, is less than 4 parts by weight with respect to the 100 parts by weight of the entire toner.

3. The image forming toner of claim 1, wherein;

said binding resin comprises at least a polyester resin consisted of a bisphenol- A- alkylene oxide additive expressed by the chemical formula given below.

[Chemical Formula 1]



(In the formula, R is an ethylene or propylene base, and x and y are both integers equal to 1 or more.)

4. The image forming toner of claim 3, wherein;

5 x and y in the formula for said bisphenol-A-alkylene oxide additive are 1, and R is an ethylene-based compound making up 60 mole % or more of said polyester alcohol component.

10 5. The image forming toner of claim 1, wherein;

said toner further includes 0.01 to 10 parts by weight of the compound given by the chemical equation below.

[Chemical Formula 2]

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$$C - [CH_2 - O - CO - (CH_2)_n - CH_3]_4 \quad n = 14 \text{ or more}$$

6. The image forming toner of claim 1, wherein;

20 said toner further includes a polypropylene compound with an average molecular weight of 10,000 or more.

7. The image forming toner of claim 1, wherein;

said toner is used in flash fixation.

25 8. A 2-component developer comprising toner and a carrier, wherein;

said toner includes component, and the ratio of said

component of said toner measured by gel permeation chromatography to have molecular weight of 500 to 1000 is less than 10 parts by weight with respect to the 100 parts by weight of the entire toner, and

5        said carrier has an average particle diameter of 30 to 100  $\mu\text{m}$ .

9.    An image forming method comprising:

10        a step of forming a toner image on a medium by using a toner in which the ratio of the component of the toner measured by gel permeation chromatography to have molecular weight of 500 to 1000 is less than 10 parts by weight with respect to the 100 parts by weight of the entire toner; and

15        a step of performing flash fixation of the toner on said medium.

10.    A method of manufacturing toner for image formation comprising:

      a step of creating a polyester binder;

20        a step of washing the created polyester binder with alcohol; and

      a step of mixing the polyester binder, that has been washed with alcohol, with a colorant to create the toner.

25    11.    An image forming apparatus comprising;

      An image forming unit for forming a toner image on a medium by using a toner in which the ratio of the component

of the toner measured by gel permeation chromatography to have molecular weight of 500 to 1000 is less than 10 parts by weight with respect to the 100 parts by weight of the entire toner;

5 a flash fixing unit for performing flash fixation of the toner on said medium; and

a filter for collecting dust of said apparatus.

12. A developing apparatus comprising;

10 A developer includes a toner in which the ratio of the component of the toner measured by gel permeation chromatography to have molecular weight of 500 to 1000 is less than 10 parts by weight with respect to the 100 parts by weight of the entire toner; and

15 A developing mechanism for developing a latent image on an image forming member by using said developer.